

OPTICAL RESONANCE ANALYSIS SYSTEM**Publication number:** JP2001526386T**Publication date:** 2001-12-18**Inventor:****Applicant:****Classification:****- International:** G01N21/27; G01N21/55; G01N21/25; G01N21/55;
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An optical resonance analysis system comprising a sensor means (60) and an illumination means (400) for generating non-monochromatic illumination. The illumination means (400) further comprises a means for generating illumination at a plurality of angles, a lens system for projecting said illumination at said plurality of angles (390) and a dispersive device (380) for dispersing said illumination at each of said plurality of angles so that there is a correlation between said plurality of angles and the wavelengths of said illumination such that a resonance condition is generated on said sensor mean (60) for all wavelengths generated by said non-monochromatic source simultaneously. The analysis system also comprises a detection means (90) for detecting the reflected or transmitted illumination. Another embodiment comprises an anamorphic imaging means (120).

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